PATENT COOPERATION TREATY

PCT

REC'D. 0 4 NOV 2004

INTERNATIONAL PRELIMINARY EXAMINATION REPORTS

PCT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference				
43000.014810	FOR FURTHER ACTION	Preliminary Examination Report (Form PCT/IPEA/416)		
International application No.	International filing date (dayhno	nth/year) Priority date (day/month/year)		
PCT/US03/12225	17 April 2003 (17.04.2003)			
International Patent Classification (IPC)	or national classification and IPC	17 April 2002 (17.04.2002)		
IPC(7): C12N 15/864, 7/00, 7/01, 5/10:	A61K 48/00 and US CI . 425/200			
Applicant		0.1, 325, 366, 69.1, 455, 456, 457; 424/93.1, 93.2, 93.6		
UNIVERSITY OF FLORIDA				
1. This international prelimina	ATV examination report has been	n prepared by this International Preliminary		
Examining Authority and is	s transmitted to the applicant a	n prepared by this International Preliminary		
J. THE REPORT COURTS OF	total of 4 sheets, including	this cover sheet.		
This report is also acco	mnanied by ANNEYES :	charte of the state of the		
which have been amen	ided and are the basis for this	sheets of the description, claims and/or drawings report and/or sheets containing rectifications made		
before this Authority (see Rule 70.16 and Section 60	report and/or sheets containing rectifications made 7 of the Administrative Instructions under the PCT).		
These annexes consist of a	otal of shoots			
		EPO - DG 1		
This report contains indicati	ons relating to the following it	ems: " 40 0001		
I Rosio of the		v 3. 12. 2004		
I Basis of the repor	τ			
II Priority		(107)		
III Non-establishmen	t of report with regard to nove	lty, inventive step and industrial applicability		
IV Lack of unity of i	nvention	,		
V Reasoned statemen	nt under Article 35(2) with reg	ard to novelty, inventive step or industrial		
applicability; citat	ions and explanations supporti	ng such statement		
VI Certain documents	cited			
VII Certain defects in	the international application			
VIII Certain observations on the international application				
and the management of the mana				
Date of submission of the demand		Date of completion of this report		
3 November 2003 (13.11.2003) 14 August 2004 (14.08.2004)		ıst 2004 (14.08.2004)		
Name and mailing address of the IPEA/US				
Mail Stop PCT, Attn: IPEA/US Commissioner for Patents		Authorized officer David Guzo Janue Ford		
P.O. Box 1450 Alexandria, Virginia 223 13-1450	Guzo Guita / Je			
Facsimile No. (703) 305-3230	Telepho	ne No. (703) 308-0196		
orm PCT/IPEA/409 (cover sheet)(July 1998)				

INTERNATIONAL PRELIMINAR	Y EXAMINATION REPORT
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nternational	application	No.	
CT/IS03/1	2225		

	101/0303/12223
I. Basis of the report	
With regard to the elements of the international application:*	
the international application as originally filed.	
the description:	
pages 1-189 as originally filed	
pages NONE filed with the demand pages NONE filed with the letter of	
the claims: pages 190-199 as originally filed	
The state of the s	
pages NONE , filed with the demand	under Article 19
pages NONE , filed with the letter of	•
the drawings:	•
pages 1-10 as originally filed	
pages NONE, filed with the demand pages NONE, filed with the letter of	
the sequence listing part of the description:	····································
pages NONE as originally filed	
pages NONE , filed with the demand	
pages NONE filed with the letter of	
2. With regard to the language, all the elements marked above were availa language in which the international amplication was filed released to the control of the language of the language in which the international amplication was filed released to the language.	ible or furnished to this Authority in the
These elements were available or furnished to this Authority in the follow	se indicated under this item. wing language which is:
the language of a translation furnished for the purposes of internation	onal search (under Dule23 165)
the language of publication of the international application (under R	tule 48 3(h))
the language of the translation furnished for the purposes of internal 55.2 and/or 55.3).	tional preliminary examination(under Rules
 With regard to any nucleotide and/or amino acid sequence disclosed in international preliminary examination was carried out on the basis of the 	the international application, the
contained in the international application in printed form.	sequence listing:
filed together with the international application in computer readable	
furnished subsequently to this Authority in written form.	e form.
furnished subsequently to this Authority in written form.	·
furnished subsequently to this Authority in computer readable form.	·
The statement that the subsequently furnished written sequence listin international application as filed has been furnished.	ľ
The statement that the information recorded in computer readable for bas been furnished.	rm is identical to the written sequence listing
. The amendments have resulted in the cancellation of	
the description, pages NONE	1
the claims, Nos. NONE	
the drawings, sheets/fig NONE	
This report has been established as if (some of) the amendments had not been beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70)	
Replacement sheets which have been furnished to the receiving Office in response to is report as "originally filed" and are not annexed to this report since they do not co, Any replacement sheet containing such amendments must be referred to under item	an invitation under Article 14 are referred to in
m PCT/IPEA/409 (Box I) (July 1998)	

•	
INTERNATIONAL PRELIMINARY EXAMINATION REPORT	International application No.
	PCT/US03/12225
II. Non-establishment of opinion with regard to novelty, inventive s	step and industrial applicability
. The question whether the claimed invention appears to be novel, to it to be industrially applicable have not been and will not be examined	
the entire international application,	•
Claims Nos. <u>35-43</u>	
because:	
the said international application, or the said claim Nosnot require international preliminary examination (specify):	elate to the following subject matter which doe
the description, claims or drawings (indicate particular elements that no meaningful opinion could be formed (specify):	
laims 35-43 will not be examined because they are dependent claims and are no mences of Rule 6.4(a).	t drafted in accordance with the second and third
·	

the claims, or said claims Nos. ____ are so inadequately supported by the description that no meaningful

A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:

no international search report has been established for said claims Nos. _

the written form has not been furnished or does not comply with the standard.

the computer readable form has not been furnished or does not comply with the standard.

Form PCT/IPEA/409 (Box III) (July 1998)

opinion could be formed.

INTERNATIONAL PRELIMINARY	EXAMINATION REPORT
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International application No. PCT/US03/12225

 Keasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement 				
	TEMENT			
	Novelty (N)	Claims	1-34 and 44-51	VEC
			NONE	YES
	Inventive Step (IS)	Claims	1-34 and 44-51	
			NONE	YES NO
	Industrial Applicability (IA)	Cl-:		
	orphically (II)		1-34 and 44-51 NONE	YES
	TIONS AND EXPLANATIONS			
macromole capsid prot C subject mat	quence listing was not filed. However, becamand, said claims were searched and Smith cale complexes to deliver genes of interest teins with an exogenous sequence and does relains 1-34 and 44-51 meet the criteria set of the claimed can be made or used in industry NEW CITATIONS NEW CITATIONS 36 B1 (SMITH et al.) 05 February 2002, se	to target cells not teach or s ut in PCT A	Smith et al. does not teach use of us	generation and use of peptide- f AAV vectors having chimeric
m PCT/IPE	EA/409 (Box V) (July 1998)			